

AMENDMENTS TO THE CLAIMS

Please add new claims 27-43, such that the status of the claims is as follows:

1. (Pending) A method for causing a speaker to sound an audible alarm in a portable computer having a cover, a main computer body, a hinge between said cover and said body, and an interrupt vector, said method comprising:
 - a) detecting foldable closing of said cover relative to said body;
 - b) causing an interrupt to occur within said portable computer;
 - c) said interrupt causing branching control to a fixed address in said interrupt vector following said detecting; and
 - d) generating said audible alarm from said speaker following said interrupt;and further comprising; detecting whether said speaker is enabled; and detecting whether said alarm is activated by an authorized user.
2. (Pending) The method according to claim 1, wherein a computer designer assigns said fixed address in said interrupt vector for interrupt handling said interrupt upon detection of said foldable closing of said cover to said body.
3. (Pending) The method according to claim 2, said fixed address in said interrupt vector comprising an original address for branching control of said portable computer upon occurrence of said interrupt upon detection of said foldable closing of said cover to said body.
4. (Pending) The method according to claim 3, further comprising a first instruction segment at said original address contained in said fixed address in said interrupt vector, control branching to said instruction segment of said portable computer upon detecting said foldable closing of said cover to said body.

5. (Pending) The method according to claim 4, further comprising a second instruction segment.
6. (Pending) The method according to claim 5 wherein said second instruction segment is located at a second address.
7. (Pending) The method according to claim 6, wherein said second instruction segment causes said speaker to generate said audible alarm.
8. (Pending) The method according to claim 7, further comprising trapping said interrupt caused by said foldable closing of said cover of said portable computer.
9. (Pending) The method according to claim 8, wherein said trapping occurs at boot time.
10. (Pending) The method according to claim 9, wherein said interrupt is trapped by resetting said original address in said interrupt vector to an indirect address of said second address of said second instruction segment.
11. (Pending) The method according to claim 10, wherein said detecting of said foldable closing of said cover occurs subsequent to boot time.
12. (Pending) The method according to claim 11, wherein a volume for said alarm is set by said authorized user.
13. (Pending) The method according to claim 12, wherein said authorized user may deactivate said alarm.

14. (Pending) The method according to claim 13, wherein said authorized user may select one of a plurality of passwords for deactivating said alarm.

15. (Pending) The method according to claim 13, wherein said authorized user may select one of a plurality of hot-keys for deactivating said alarm.

16. (Pending) The method according to claim 12, wherein said authorized user may activate said alarm.

17. (Pending) The method according to claim 16, wherein said authorized user may select one of a plurality of passwords for activating said alarm.

18. (Pending) The method according to claim 16, wherein said authorized user may select one of a plurality of hot-keys for activating said alarm.

19. (Pending) A method for causing a speaker to sound an audible alarm in a portable computer having a cover, a main computer body, a hinge between said cover and said main computer body, a status location indicating foldable closing of said cover against said body, and an instruction segment, said method comprising:

- a) polling said status location to detect said foldable closing of said cover against said main computer body;
 - b) causing execution of said instruction segment following detection of said status location indicating said foldable closing of said cover against said main computer body;
 - c) said instruction segment generating said audible alarm;
- and further comprising: detecting whether said speaker is enabled; and detecting whether said alarm is activated by an authorized user.

20. (Pending) The method according to claim 19, wherein a volume for said alarm is set by said authorized user.

21. (Pending) The method according to claim 20, wherein said authorized user may deactivate said alarm.

22. (Pending) The method according to claim 21, wherein said authorized user may select one of a plurality of passwords for deactivating said alarm.

23. (Pending) The method according to claim 21, wherein said authorized user may select one of a plurality of hot-keys for deactivating said alarm.

24. (Pending) The method according to claim 20, wherein said authorized user may activate said alarm.

25. (Pending) The method according to claim 24, wherein said authorized user may select one of a plurality of passwords for activating said alarm.

26. (Pending) The method according to claim 24, wherein said authorized user may select one of a plurality of hot-keys for activating said alarm.

27. (New) A method for causing a speaker to sound an audible alarm in a portable computer having a cover, a main computer body, a hinge between said cover and said body, the method comprising:

detecting foldable closing of the cover relative to the main computer body of the portable computer;

detecting whether the speaker is enabled;

detecting whether an alarm instruction is activated; and
generating the audible alarm from the speaker if the alarm instruction is activated, the
speaker is enabled, and a foldable closing is detected.

28. (New) The method of claim 27 wherein the step of detecting comprises:
trapping a interrupt associated with a closed position of the cover relative to the main
computer body; and
activating the alarm instruction when the cover is closed.

29. (New) The method of claim 27 wherein the step of detecting comprises:
causing an interrupt to occur within the portable computer when the cover is closed;
and
causing branching control based on the interrupt to a fixed address in said interrupt
vector.

30. (New) The method of claim 27 wherein the step of detecting comprises:
triggering a microswitch while the cover is foldably closing; and
executing the alarm based on a signal from the microswitch.

31. (New) The method of claim 27, wherein before the step of detecting, the method further
comprising:
executing a portion of the alarm instruction during a boot process of the portable
computer.

32. (New) The method of claim 27 wherein the step of detecting comprises:
polling a status indicator associated with the foldable closing of the cover; and
executing an instruction segment when the status indicator is true.

33. (New) The method of claim 27 wherein a volume for the audible alarm is set by an authorized user.
34. (New) The method of claim 27 wherein an authorized user may deactivate the audible alarm.
35. (New) The method of claim 27 wherein an authorized user may deactivate the alarm instruction.
36. (New) The method of claim 34 wherein the authorized user uses a password to deactivate the audible alarm.
37. (New) The method according to claim 34 wherein the authorized user uses one or more hot-keys to deactivate the audible alarm.
38. (New) The method according to claim 27 wherein before detecting, the method further comprising:
 executing an instruction segment according to an action taken by an authorized user,
 the instruction segment for activating the alarm instruction.
39. (New) A method for causing a speaker to sound an audible alarm in a portable computer having a cover, a main computer body, a hinge between the cover and the main computer body, the method comprising:
 executing an alarm instruction for monitoring a position status of the cover relative
 to the main computer body;
 detecting an unauthorized closing of the cover;
 detecting whether the speaker is enabled;
 detecting whether the alarm is activated; and

generating an audible alarm programmatically if the speaker is enabled, the alarm is activated, and an unauthorized closing of the cover is detected.

40. (New) The method of claim 39 wherein the step of detecting comprises:
trapping a cover-closed interrupt; and
triggering an alarm sequence when the status of the cover-closed interrupt changes.
41. (New) The method of claim 39 wherein the step of executing the alarm instruction comprises:
executing a portion of the alarm instruction segment with a boot process of the
portable computer.
42. (New) The method of claim 39 wherein the step of executing the alarm instruction comprises:
executing automatically the alarm instruction segment with the operating system of
the portable computer.
43. (New) The method of claim 39 wherein the step of executing the alarm instruction comprises:
executing the alarm instruction segment by an action of an authorized user.